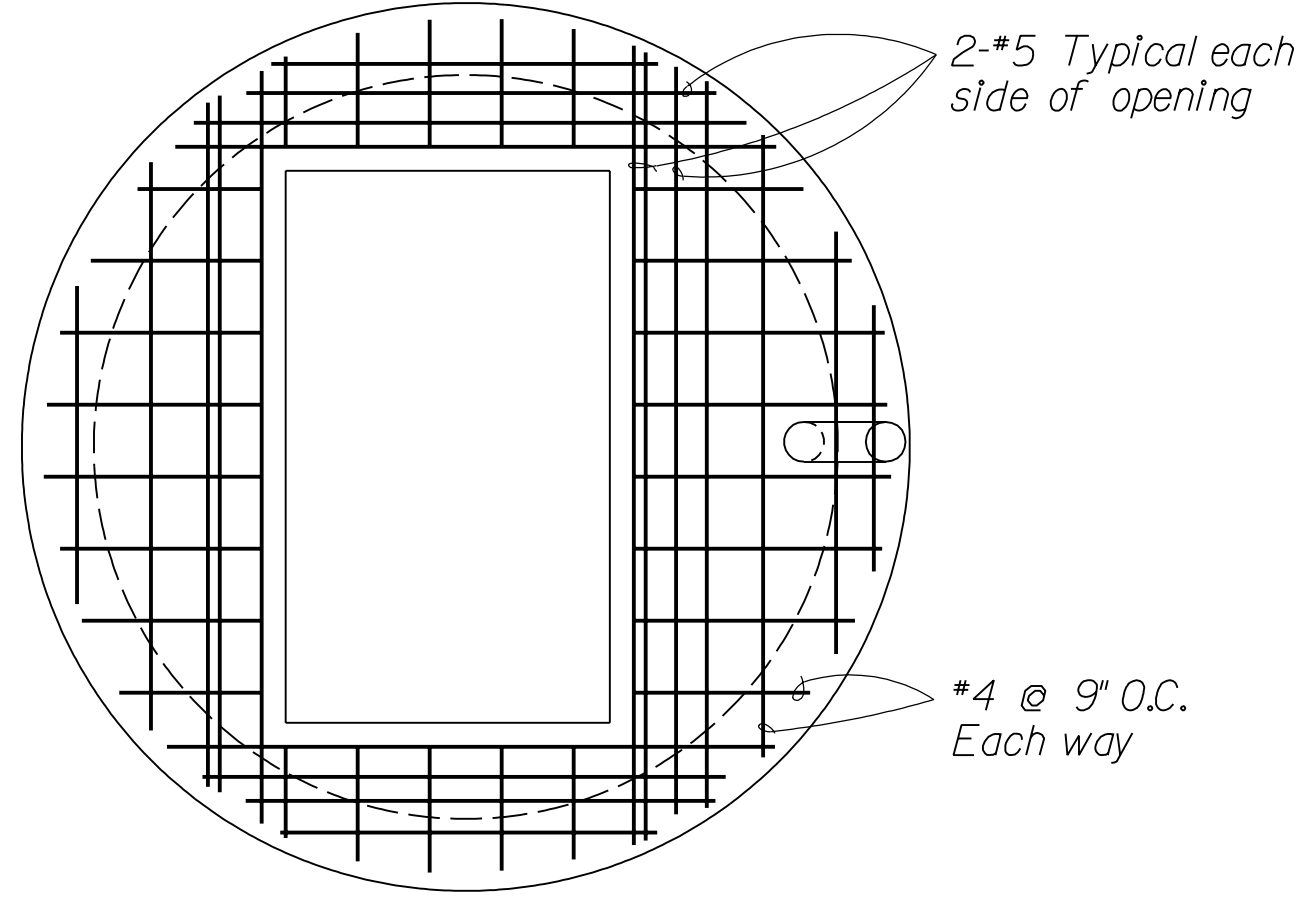


LIFT STATION PLAN

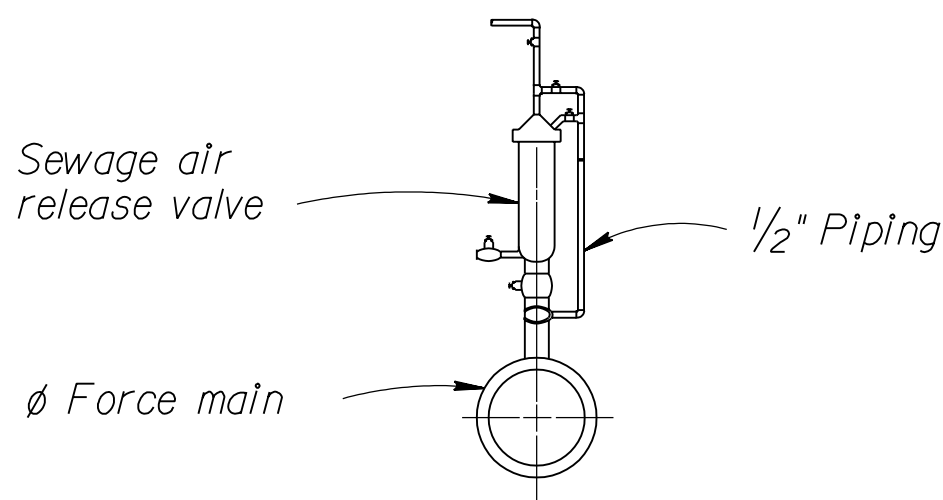


LIFT STATION TOP PLAN

WET WELL

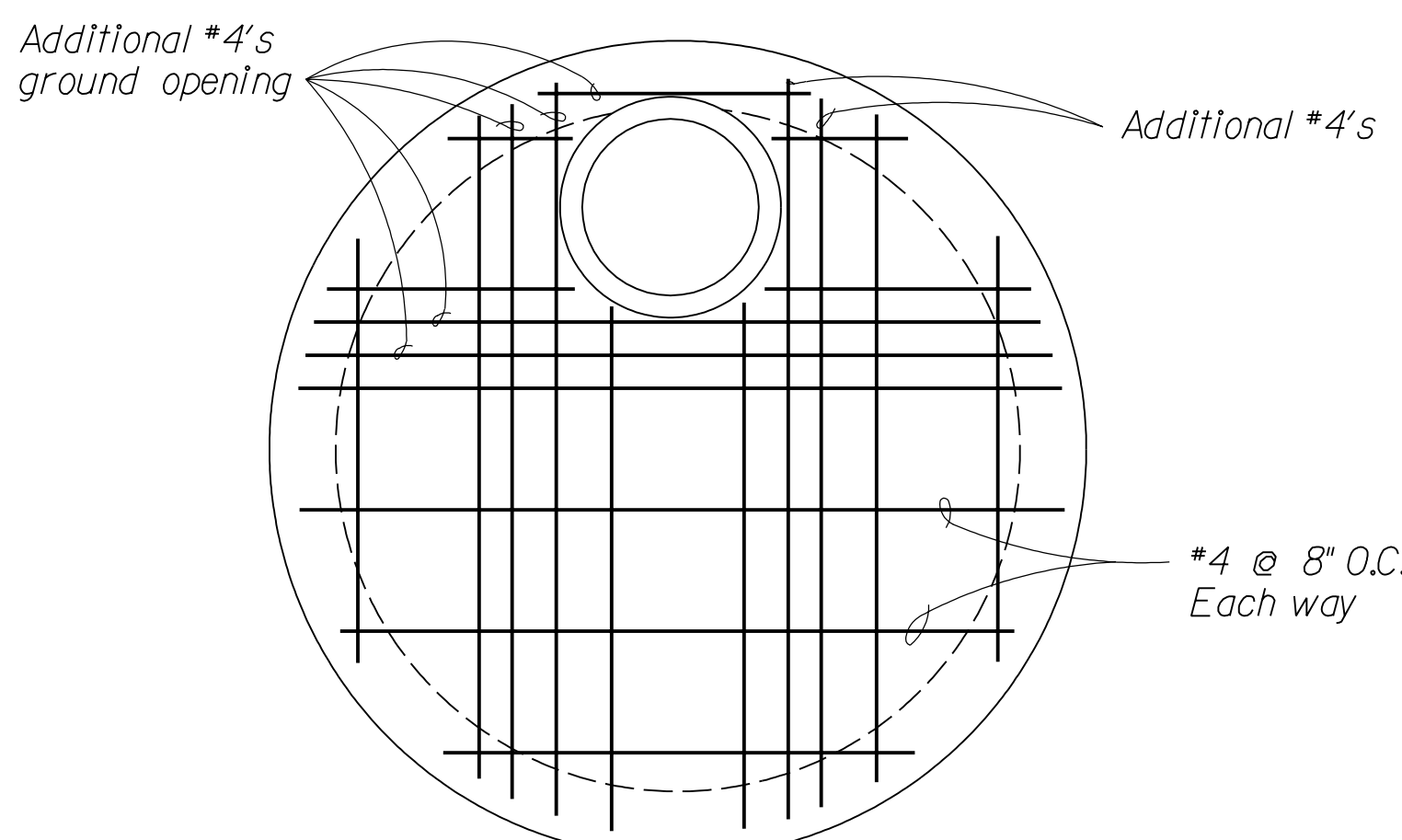
NO SCALE

LEVEL 7



AIR RELEASE VALVE

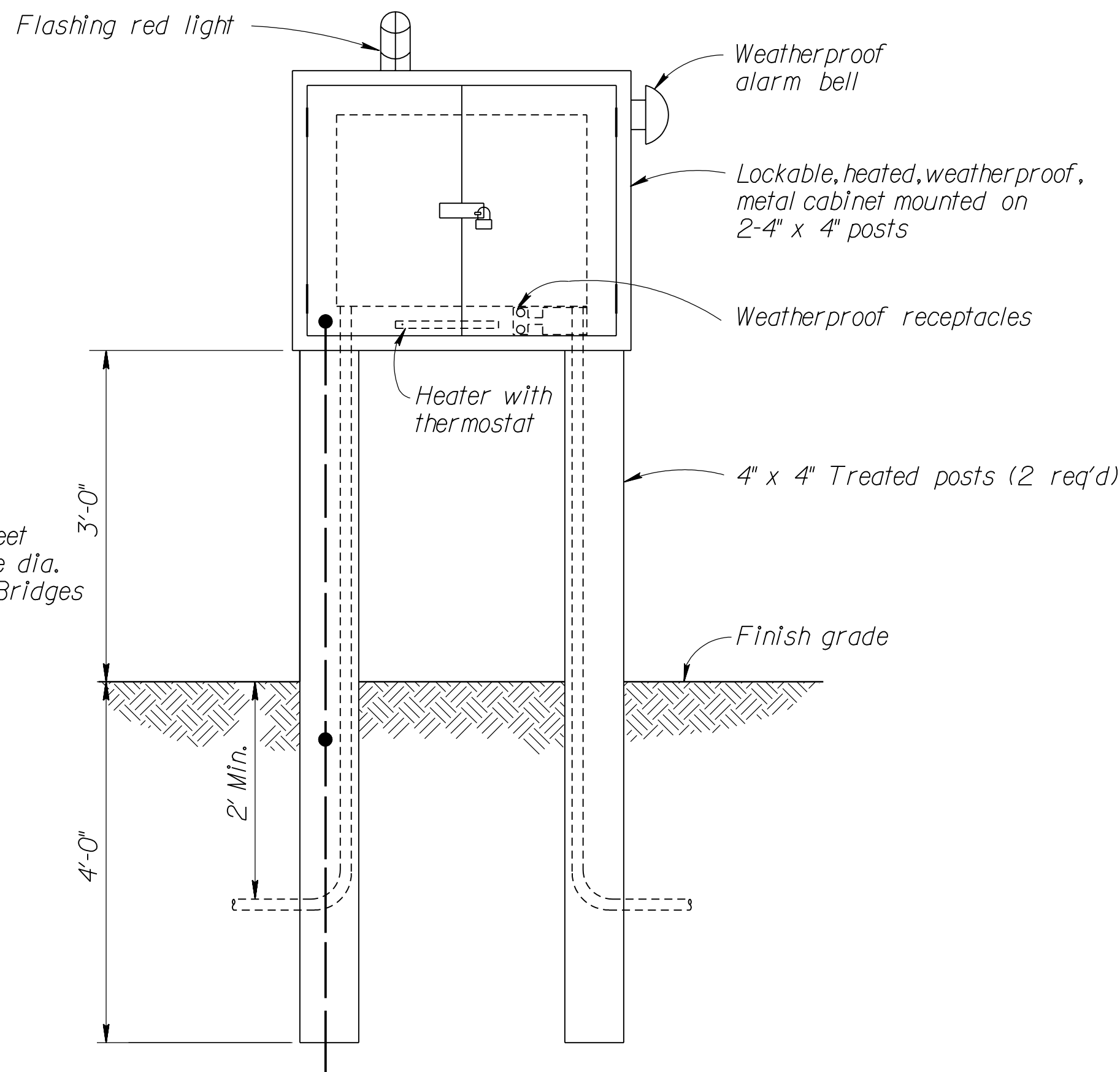
NO SCALE



TOP SLAB PLAN

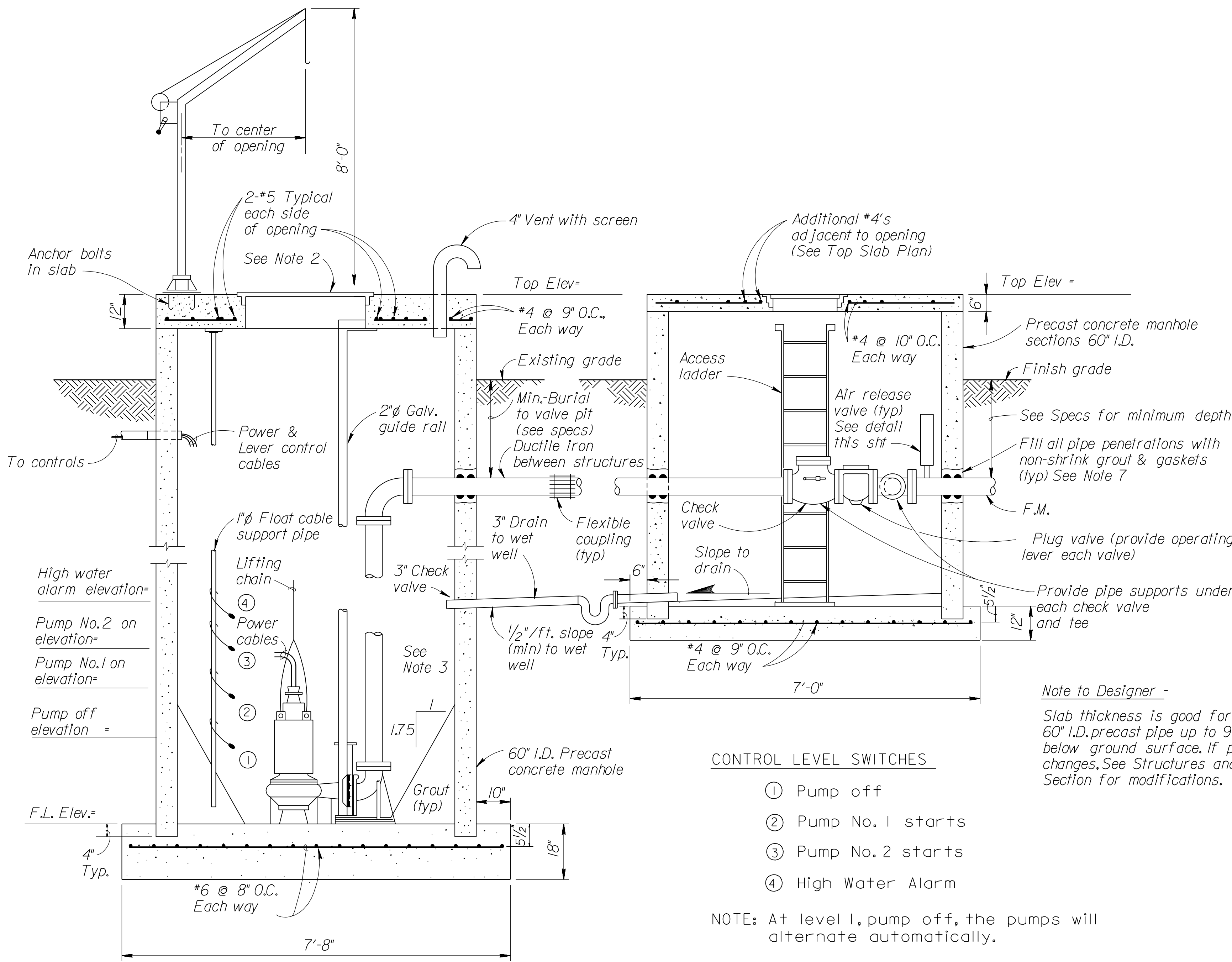
VALVE PIT

NO SCALE



EQUIPMENT CABINET DETAIL

NO SCALE



LIFT STATION DETAILS

NO SCALE

CONTROL LEVEL SWITCHES

- 1 Pump off
- 2 Pump No. 1 starts
- 3 Pump No. 2 starts
- 4 High Water Alarm

NOTE: At level 1, pump off, the pumps will alternate automatically.

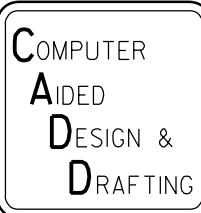
- NOTES:
1. Installation of pumps, motors and associated hardware, including lifting chain, cables, pump mounts, safety chain hooks and pipe guides shall be done in conformance with manufacturer's specifications.
 2. Opening size shall be as specified by manufacturer. Each opening shall have two (2) covers equipped with hasps so they may be padlocked closed.
 3. Pumps will be positioned in manhole as recommended by the manufacturer.
 4. Wet well is a Class I, Division I Group C & D Area. Provided seal-off on all electrical conduit entering wet well area.
 5. See Sheet for Electrical Details.
 6. Pumps are rated at _____ gpm at _____ feet TDH.
 7. Pipe gaskets shall conform to manufacturer's recommendations.

\$\$\$ - THINK VALUE ENGINEERING - \$\$\$

Revisions			
Symbol	Descriptions	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

Designed by:	SITE NAME		SITE LOCATION	
Drawn by:	OMAHA DISTRICT DESIGN GUIDE			
Checked by:	LIFT STATION DETAILS			
Reviewed by:	Plot Scale Ratio: Design File:		Date: JUNE 2002	Sheet reference number:
Submitted by:	Spec. No.: DACA 45		Drawing Code: X	U4.11
Chief:	Contract No.: DACA 45			



Note to Designer - Slab thickness is good for a 60" I.D. precast pipe up to 30 feet below the ground surface. If pipe dia. changes, see Structures and Bridges Section.